

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

What is Claimed Is:

Claim 1. (original) A composition comprising a solid resin support having a multifunctional chemical moiety covalently attached thereto at a resin attachment site, said multifunctional chemical moiety including hydrophobic anchoring groups thereon.

Claim 2. (original) The composition of claim 1 wherein said multifunctional chemical moiety is a trifunctional chemical moiety.

Claim 3. (original) The composition of claim 1 wherein said multifunctional chemical moiety comprises an amino acid derivative including alkyl side chains thereon, and a reactive arm group selected from the group consisting of amino, carboxyl and sulfhydryl covalently attached to said resin attachment site.

Claim 4. (original) The composition of claim 2 wherein said trifunctional chemical moiety comprises an amino acid derivative including alkyl side chains thereon, a reactive group selected from the group consisting of amino, hydroxyl, carboxyl and sulfhydryl thereon and a reactive arm group selected from the group consisting of amino, carboxyl and sulfhydryl covalently attached to said resin attachment site.

Claim 5. (original) The composition of claim 3 wherein said reactive group includes a protecting group thereon.

Claim 6. (original) The composition of claim 3 wherein said reactive arm group is an amino group covalently attached to said resin attachment site.

Claim 7. (original) The composition of claim 3 wherein said reactive arm group is a carboxyl group covalently attached to said resin attachment site.

Claim 8. (original) The composition of claim 3 wherein said amino acid is selected from the group consisting of glutamic acid, lysine, serine, homoserine, aspartic acid, and cysteine.

Claim 9. (original) The composition of claim 3 wherein said protected reactive group includes a protecting group selected from the group consisting of Fmoc, and Boc.

Claim 10. (original) The composition of claim 1 wherein said solid resin support is selected from the group consisting of ceramics, glass, latex, crosslinked polystyrenes, crosslinked polyacrylamides, natural polymers, gold, colloidal metal particles, silica gels, aerogels and hydrogels.

Claim 11-16. (withdrawn)